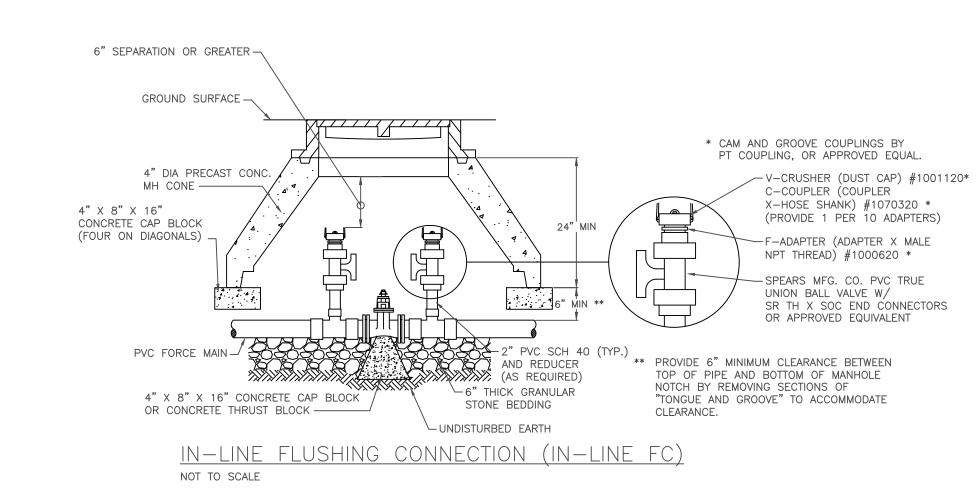
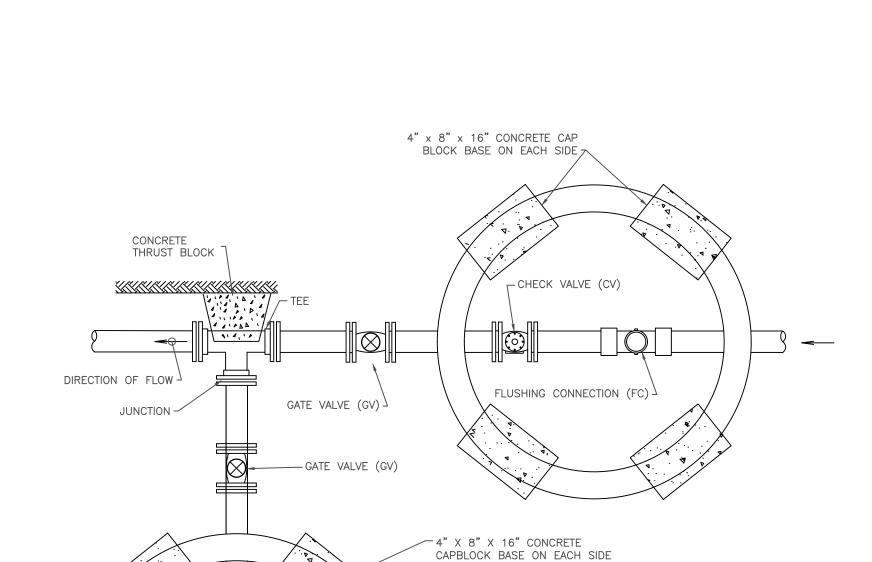
LOW PRESSURE SEWER GENERAL NOTES

- USE DUCTILE IRON M.J. FITTINGS ON ALL 3-INCH AND LARGER PVC MAINS.
- 2. ALL IN-LINE GATE VALVES SHALL BE DUCTILE IRON WITH PROTECTO 401 COATING. USE MECHANICALLY RESTRAINED MJ X MJ ENDS FOR VALVES 3-INCH AND LARGER. USE PUSH ON ENDS AND MECHANICAL RESTRAINTS (MAY REQUIRE DUC LUGS OR 90° EYE BLOTS AND EXTENDED RODS TO ALLOW RESTRAINING VALVE BETWEEN PIPE SECTIONS) FOR VALVES LESS
- 3. CONTRACTOR MAY NEED TO KEEP LOW PRESSURE SEWER DEEPER AS HE APPROACHES AIR RELEASE VALVE TO ACCOMMODATE THE HEIGHT OF THE AIR





CHECK VALVE (CV)

- FLUSHING CONNECTION (FC)

\_\_GROUND SURFACE

-1¼" EONE STAINLESS STEEL LATERAL KIT

SERVICE CONNECTION

NOT TO SCALE

─1¼" IPS DR-11 HDPE OR SCH

TSCH 80 1¼" X 1½" GLUED TRANSITION COUPLING

-2" AND LARGER PVC FORCE MAIN

40 PVC/DIP SERVICE LINE

\* HEAVY DUTY CMU MAY BE USED IN LIEU

OF ADDITIONAL CAP BLOCKS BETWEEN

\*\* TO ASSEMBLE, APPLY A DOUBLE LAYER OF

TO THE FITTINGS AND INSTALL PER THE

MANUFACTURER'S INSTRUCTIONS. WHEN

OR PIPE DOPE, NOT BOTH.

\_4" X 8" X 16" CONCRETE CAP BLOCK(S)\*

OR CONCRETE THRUST BLOCK

JNDISTURBED

FORD SERIES FB1102, OR EQUAL

-RESTRAINED TEE ON 2" AND 3" MAINS USE A

X" x 1¼" HARCO FULL BODY EPOXY COATED TAPPED TEE. ON 4" OR LARGER USE A DI TEE WITH PROTECTO 401 COATING.

BALL CORP, MIP THREAD X PACKED JOINT FOR PVC

INITIAL CAP BLOCK AND UNDISTURBED SOIL.

TEFLON TAPE AND A LAYER OF PIPE DOPE

CONNECTING SS TO SS, USE TEFLON TAPE

GREEN DROP-IN LID

SNAPLOCKS, OR EQUAL—

W/ "SEWER" &

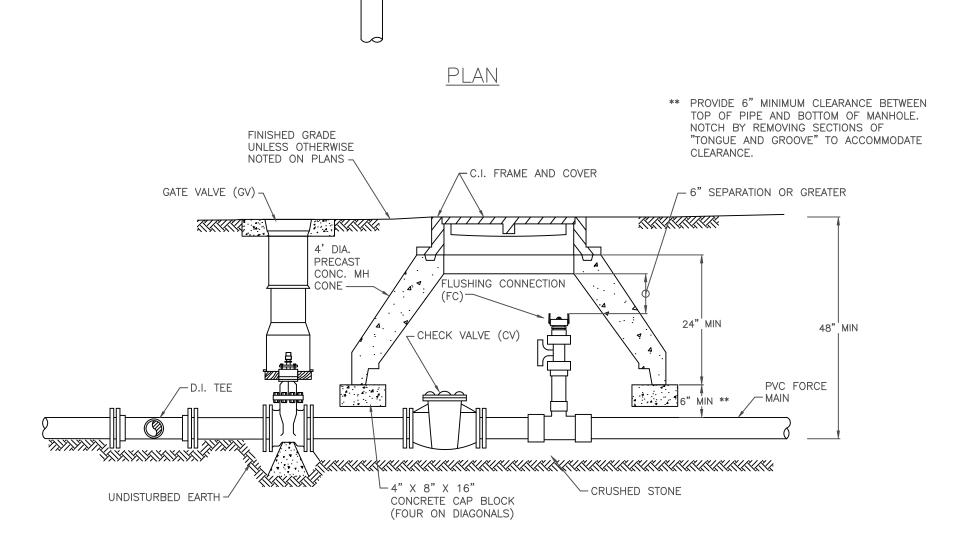
HIGHLINE JUMBO UTILITY BOX, OR EQUAL —

FROM GRINDER UNIT-

FLOW-

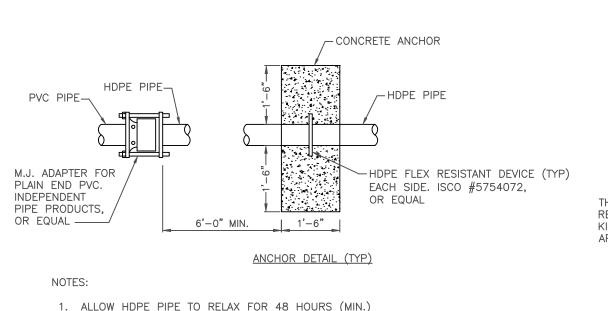
4" GRANULAR

BEDDING-



**SECTION** 

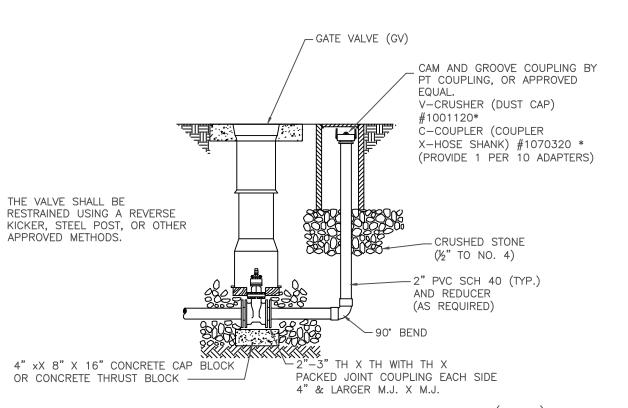
JUNCTION CONNECTION NOT TO SCALE



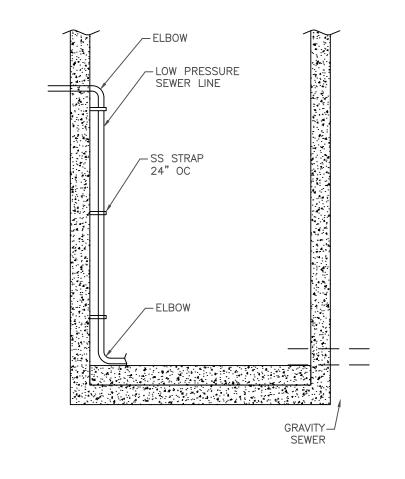
1. ALLOW HDPE PIPE TO RELAX FOR 48 HOURS (MIN.) BEFORE INSTALLING ANCHORS AND COUPLING TO PVC. 2. MECHANICALLY RESTRAIN ADJOINING PVC PIPE FOR

DISTANCE REQUIRED FOR A DEAD END LINE.

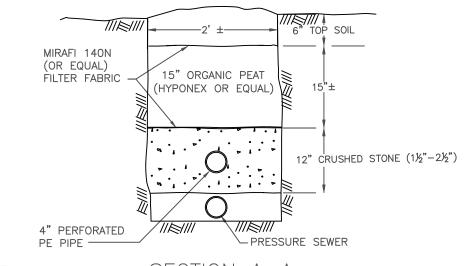
DIRECTIONAL BORE CROSSING ANCHOR AND PIPE TRANSITION DETAIL NOT TO SCALE



TERMINAL FLUSHING CONNECTION (TFC) NOT TO SCALE



TYPICAL DROP CONNECTION LPSS IN EXISTING MANHOLE NOT TO SCALE

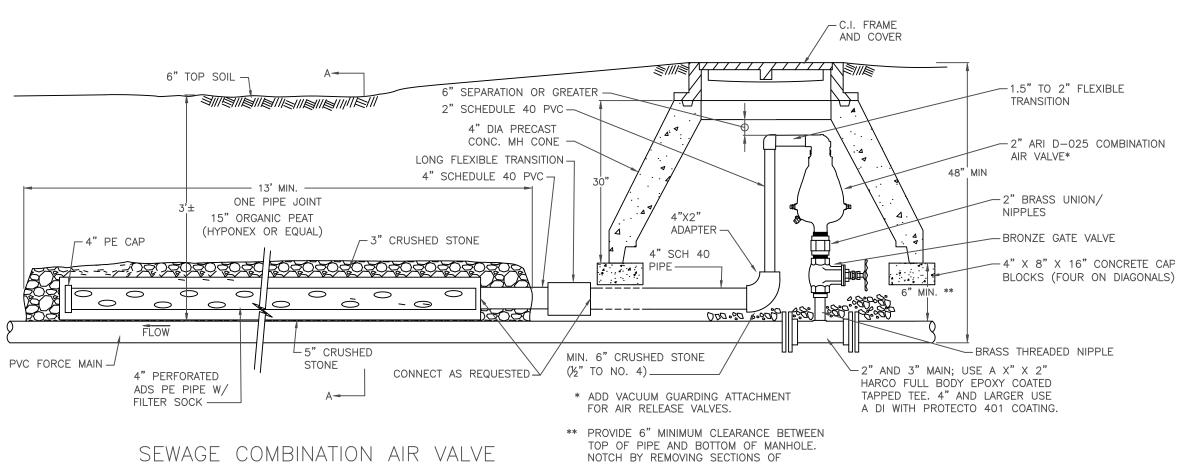


1. PLACE DOWN STREAM OF AIR/VACUUM VALVE.

NOTES:

2. LOCATE ENTIRELY WITHIN MAINTAINED RIGHT-OF-WAY.





CLEARANCE.

"TONGUE AND GROOVE" TO ACCOMMODATE

SEWAGE COMBINATION AIR VALVE WITH ODOR CONTROL SOIL BED

(TO BE CONNECTED TO AIR RELEASE OR COMBINATION AIR VALVES) NOT TO SCALE